

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 09:08
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:21:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.406	2.758	256.8E6	137.1E6	52.633	54.652
2)	SA Decachlor...	8.589	7.530	188.3E6	170.3E6	51.835	51.105
Target Compounds							
3)	L1 AR-1016-1	4.506	3.760	87394301	50560080	530.569	510.835
4)	L1 AR-1016-2	4.525	3.775	128.6E6	74657112	519.944	517.737
5)	L1 AR-1016-3	4.583	3.935	80018508	39748912	525.036	526.876
6)	L1 AR-1016-4	4.675	3.985	65755022	34838784	524.591	530.439
7)	L1 AR-1016-5	4.962	4.179	64465030	42704695	529.631	520.906
8)	L2 AR-1221-1	3.602	2.959	10403887	4842555	173.087	146.760
9)	L2 AR-1221-2	3.685	3.036	16149212	7962866	359.409	313.498
10)	L2 AR-1221-3	3.754	3.104	52134351	27836597	371.015	361.088
11)	L3 AR-1232-1	3.754	3.104	52134351	27836597	493.690	485.816
12)	L3 AR-1232-2	4.248	3.775	65692711	74657112	1110.591	1121.736
13)	L3 AR-1232-3	4.525	3.935	128.6E6	39748912	1136.940	1150.309
14)	L3 AR-1232-4	4.675	4.021	65755022	38231433	1160.388	1285.530
15)	L3 AR-1232-5	4.772	4.179	51400470	42704695	1283.407	1197.523
16)	L4 AR-1242-1	4.506	3.760	87394301	50560080	668.642	653.746
17)	L4 AR-1242-2	4.525	3.775	128.6E6	74657112	662.238	671.627
18)	L4 AR-1242-3	4.583	3.935	80018508	39748912	662.163	678.586
19)	L4 AR-1242-4	4.675	4.021	65755022	38231433	674.509	652.100
20)	L4 AR-1242-5	5.391	4.515	8041138	35475281	83.998	427.967 #
21)	L5 AR-1248-1	4.506	3.760	87394301	50560080	840.502	808.698
22)	L5 AR-1248-2	4.772	3.985	51400470	34838784	357.787	371.539
23)	L5 AR-1248-3	4.962	4.021	64465030	38231433	371.101	422.243
24)	L5 AR-1248-4	5.356	4.179	10002719	42704695	52.116	378.455 #
25)	L5 AR-1248-5	5.391	4.553	8041138	5580179	44.396	49.809
26)	L6 AR-1254-1	5.328	4.515	49856544	35475281	268.304	219.712
27)	L6 AR-1254-2	5.547	4.662	56229918	34868116	193.421	236.836
28)	L6 AR-1254-3	5.900	5.044	29719200	18347398	96.761	78.508
29)	L6 AR-1254-4	6.183	5.269	18973349	7397727	81.714	48.537 #
30)	L6 AR-1254-5	6.596	5.674	176.7E6	134.1E6	688.067	580.842
31)	L7 AR-1260-1	6.064	5.172	122.5E6	89604604	519.304	537.994
32)	L7 AR-1260-2	6.325	5.362	145.8E6	109.2E6	504.678	525.112
33)	L7 AR-1260-3	6.680	5.503	92769823	102.8E6	525.381	528.505
34)	L7 AR-1260-4	6.897	5.965	109.3E6	76086323	518.776	521.634
35)	L7 AR-1260-5	7.208	6.212	211.1E6	167.0E6	514.006	502.908
36)	L8 AR-1262-1	6.680	5.718	92769823	75981934	304.221	326.844
37)	L8 AR-1262-2	7.208	5.965	211.1E6	76086323	400.702	351.914
38)	L8 AR-1262-3	7.488	6.490	136.6E6	36341896	387.774	208.469 #
39)	L8 AR-1262-4	7.557	6.547	36920707	132.4E6	138.425	410.748 #
40)	L8 AR-1262-5	8.064	7.046	48801090	43001555	274.922	277.224
41)	L9 AR-1268-1	7.488	6.490	136.6E6	36341896	240.739	77.235 #

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 Acq On : 06 Jul 2023 09:08
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

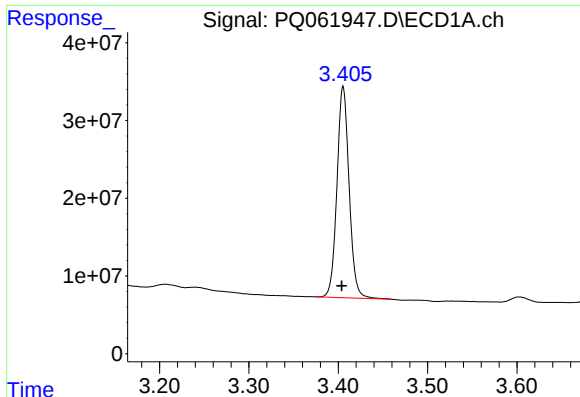
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:21:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.557	6.547	36920707	132.4E6	72.412	312.440 #
43) L9	AR-1268-3	7.741	6.752	3790835	3646453	8.883	9.900
44) L9	AR-1268-4	8.064	7.046	48801090	43001555	266.694	268.867
45) L9	AR-1268-5	8.356	7.313	16505813	15973796	13.092	13.688

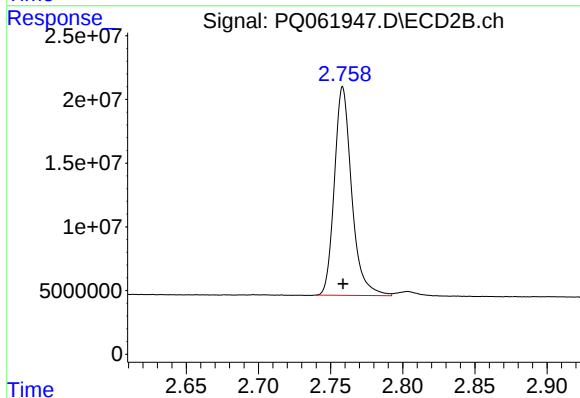
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

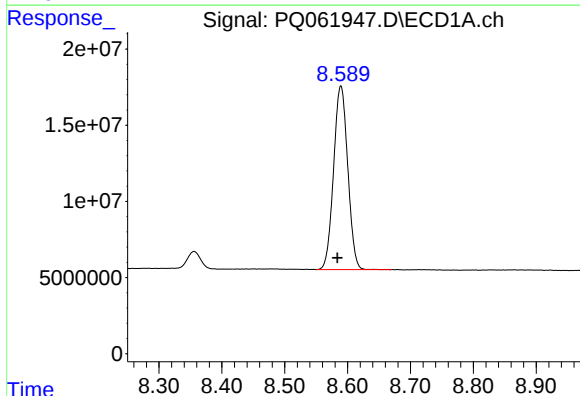
R.T.: 3.406 min
Delta R.T.: 0.002 min
Response: 256754337
Conc: 52.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



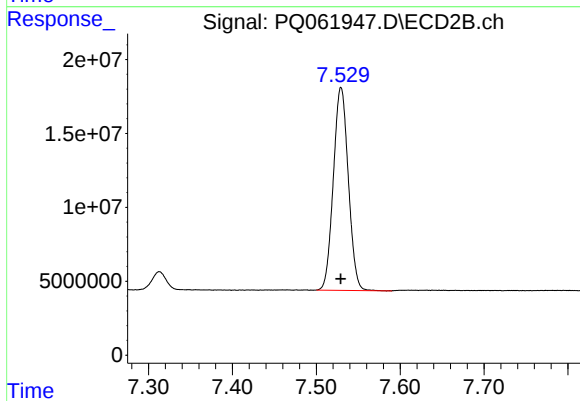
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 137127970
Conc: 54.65 ng/ml



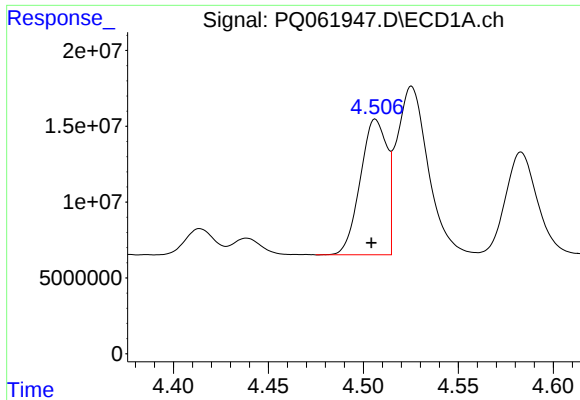
#2 Decachlorobiphenyl

R.T.: 8.589 min
Delta R.T.: 0.006 min
Response: 188305576
Conc: 51.84 ng/ml



#2 Decachlorobiphenyl

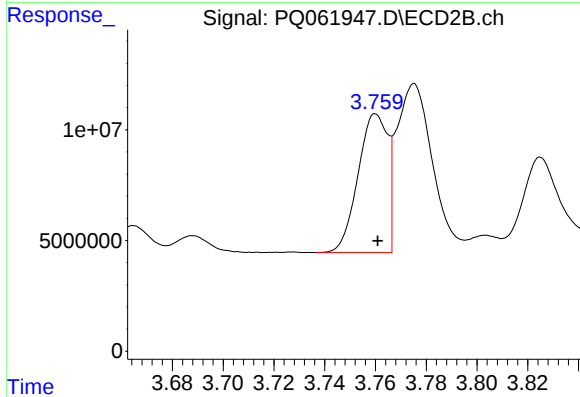
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 170292203
Conc: 51.11 ng/ml



#3 AR-1016-1

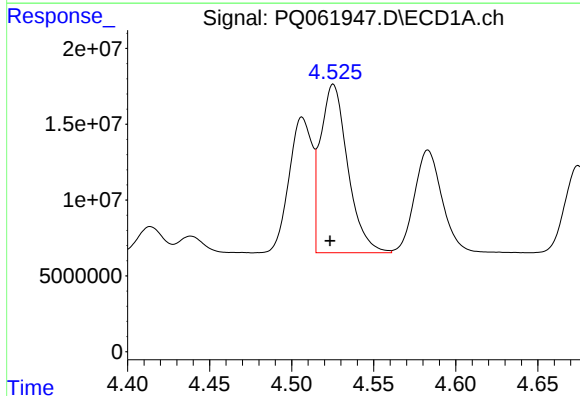
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 87394301
Conc: 530.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



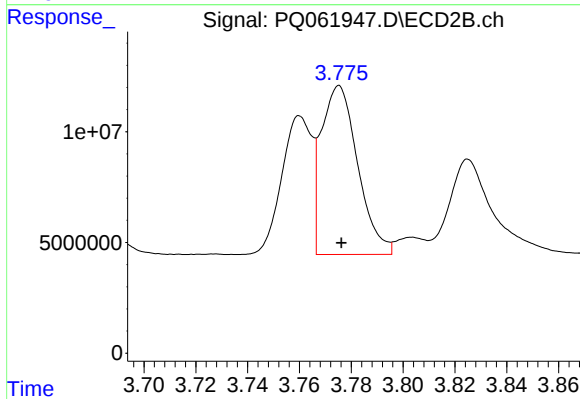
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50560080
Conc: 510.83 ng/ml



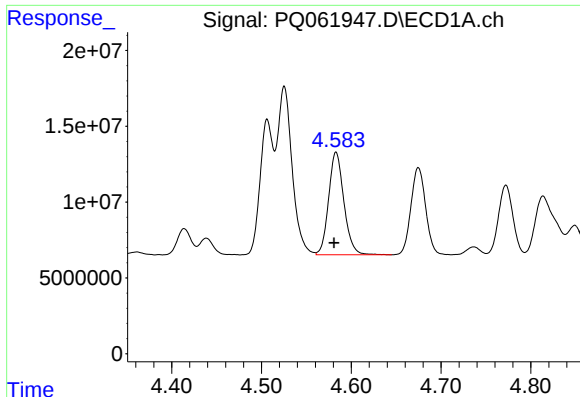
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 128565788
Conc: 519.94 ng/ml



#4 AR-1016-2

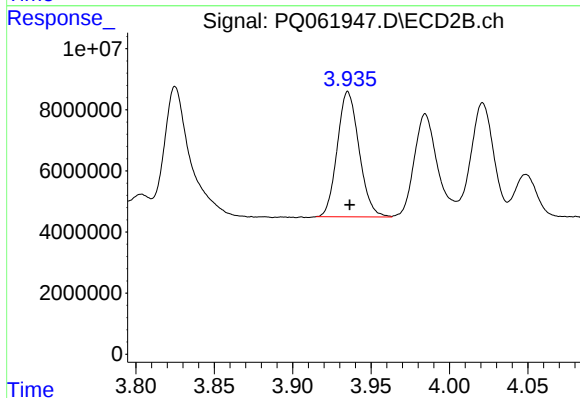
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 74657112
Conc: 517.74 ng/ml



#5 AR-1016-3

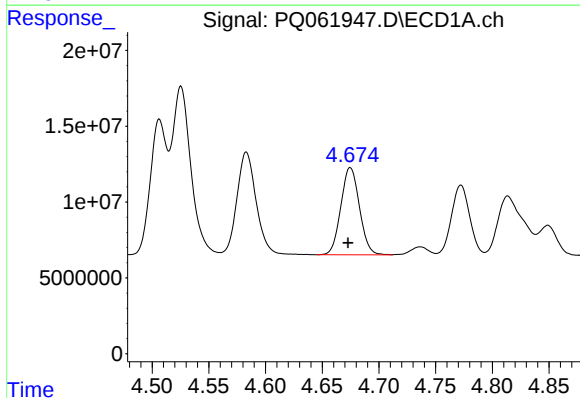
R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 80018508
Conc: 525.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



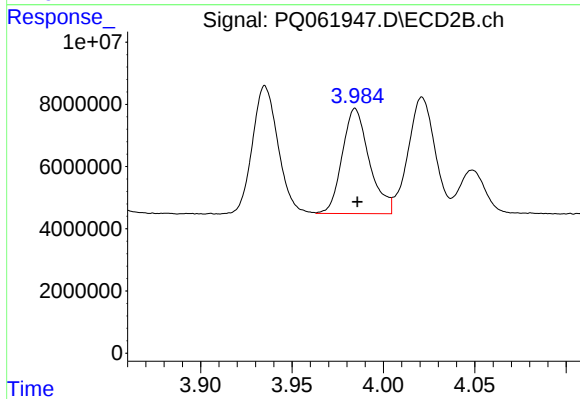
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 39748912
Conc: 526.88 ng/ml



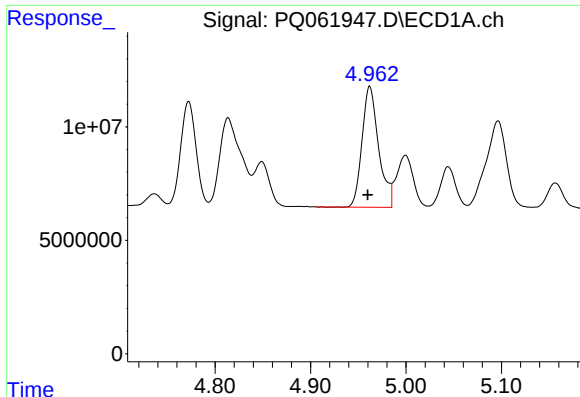
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 65755022
Conc: 524.59 ng/ml



#6 AR-1016-4

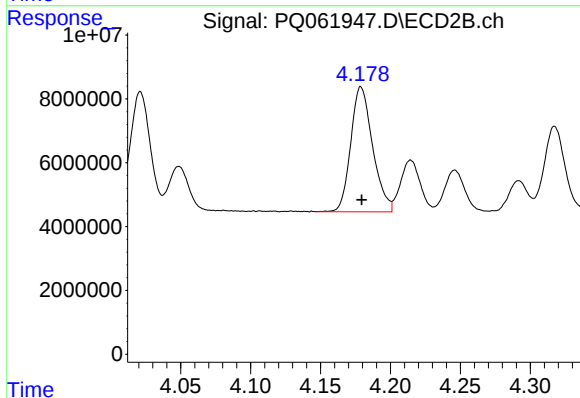
R.T.: 3.985 min
Delta R.T.: -0.001 min
Response: 34838784
Conc: 530.44 ng/ml



#7 AR-1016-5

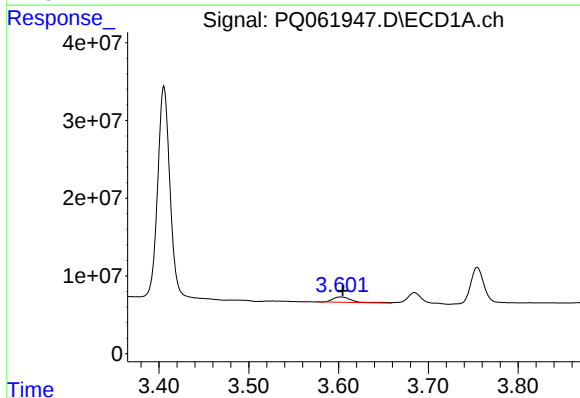
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 64465030
Conc: 529.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



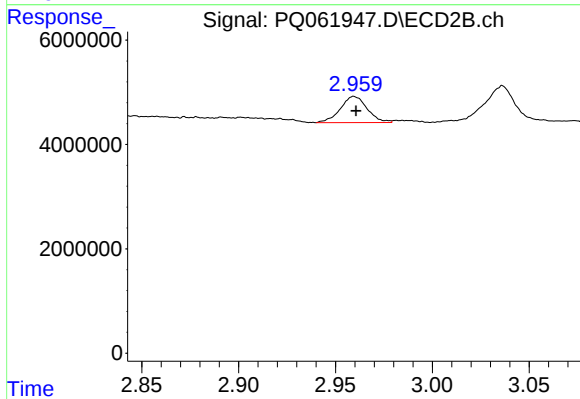
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42704695
Conc: 520.91 ng/ml



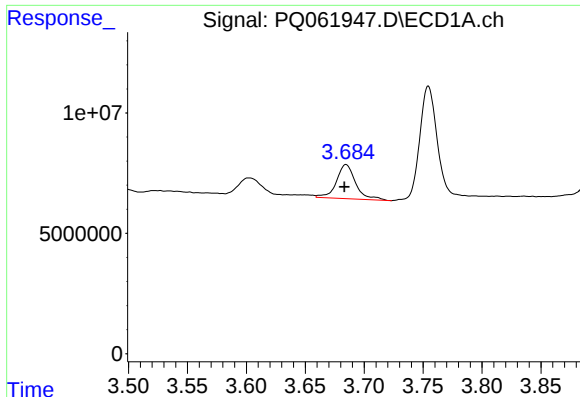
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 10403887
Conc: 173.09 ng/ml



#8 AR-1221-1

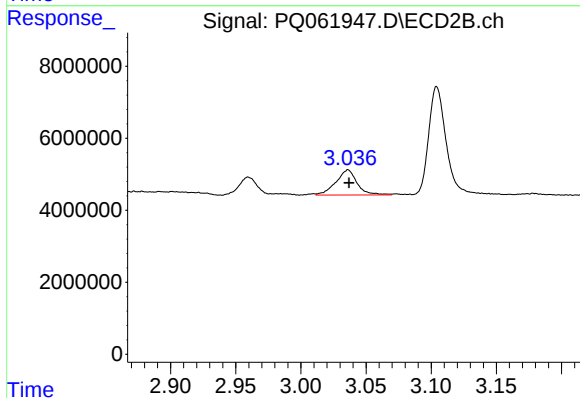
R.T.: 2.959 min
Delta R.T.: -0.001 min
Response: 4842555
Conc: 146.76 ng/ml



#9 AR-1221-2

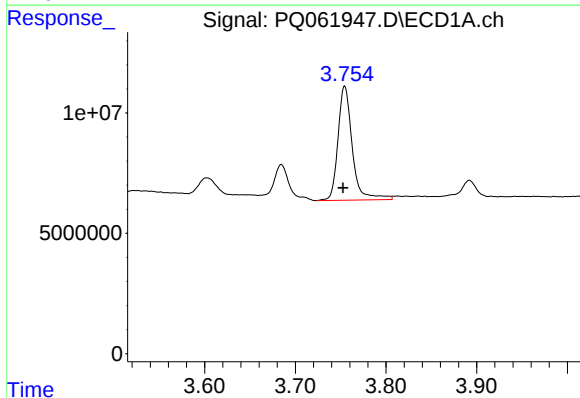
R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 16149212
Conc: 359.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



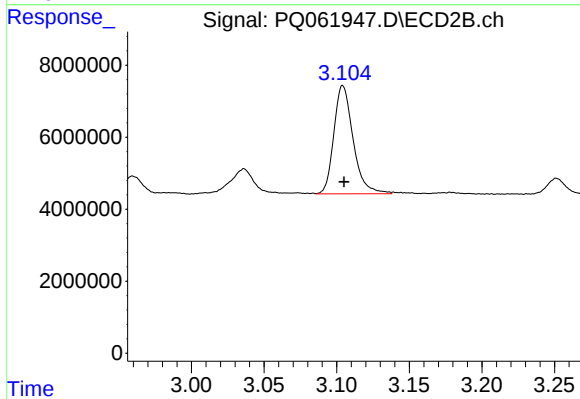
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: 0.000 min
Response: 7962866
Conc: 313.50 ng/ml



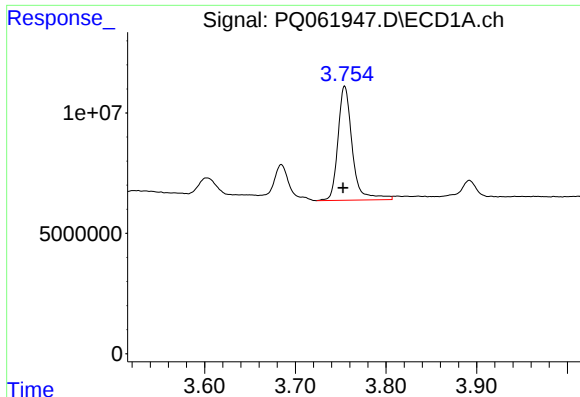
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 52134351
Conc: 371.01 ng/ml



#10 AR-1221-3

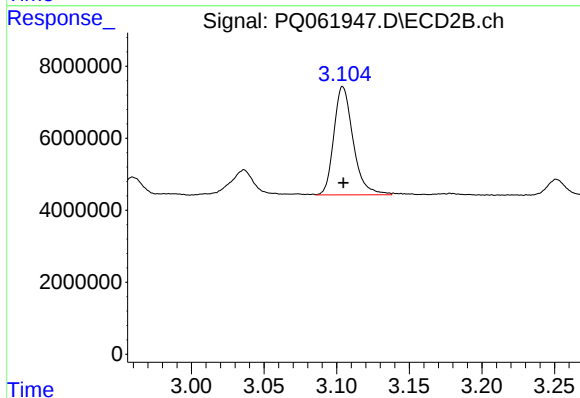
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 27836597
Conc: 361.09 ng/ml



#11 AR-1232-1

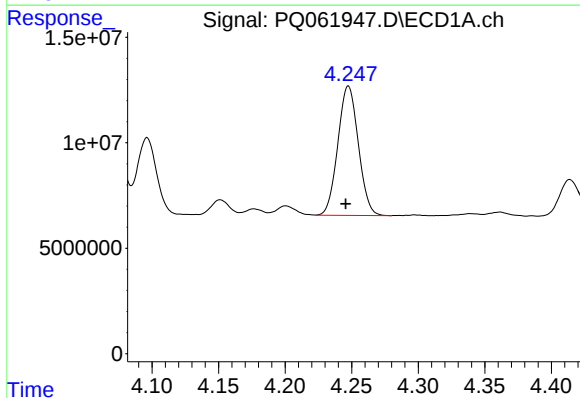
R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 52134351
Conc: 493.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



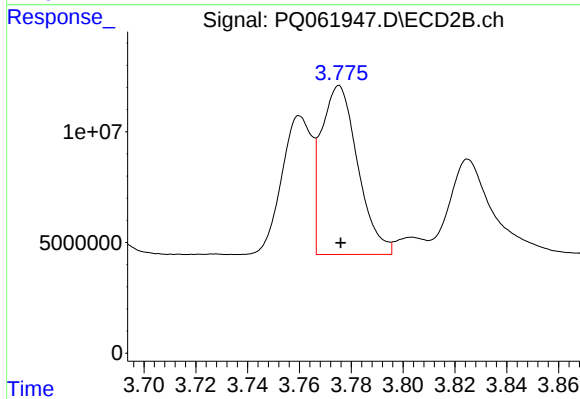
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 27836597
Conc: 485.82 ng/ml



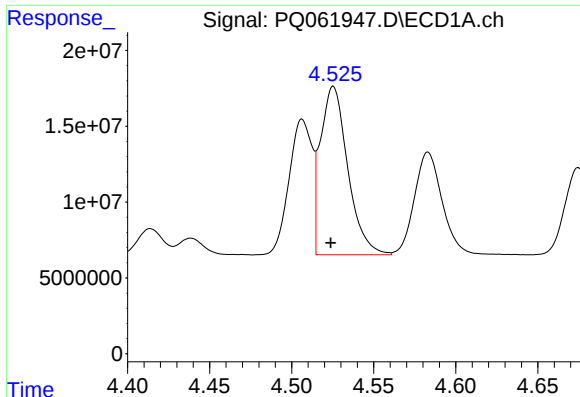
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.002 min
Response: 65692711
Conc: 1110.59 ng/ml



#12 AR-1232-2

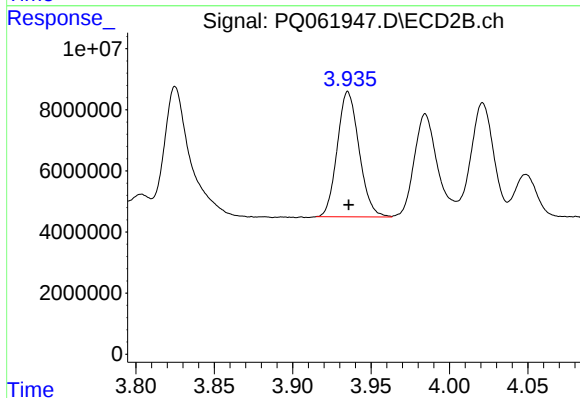
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 74657112
Conc: 1121.74 ng/ml



#13 AR-1232-3

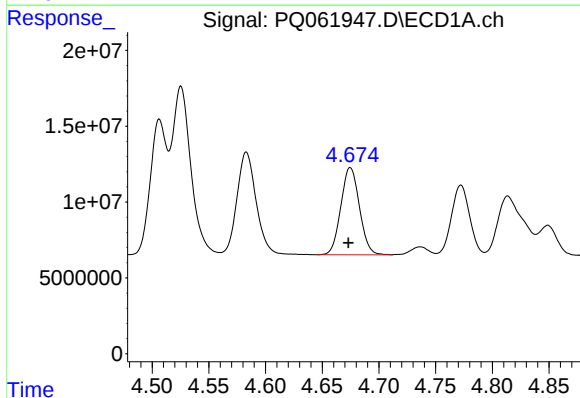
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 128565788
Conc: 1136.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



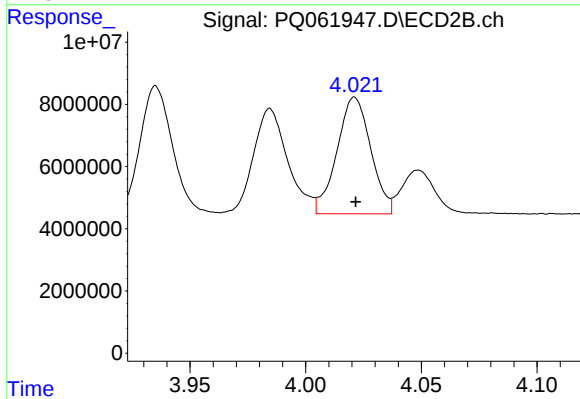
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39748912
Conc: 1150.31 ng/ml



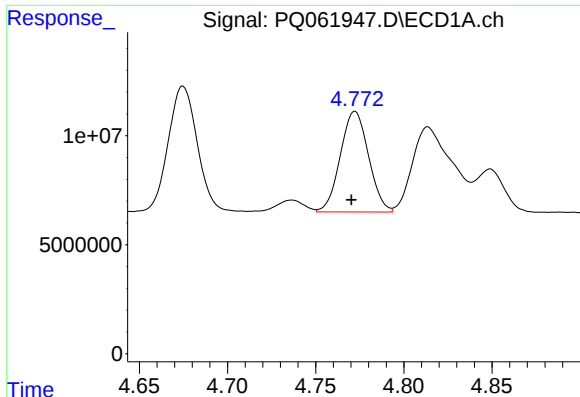
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 65755022
Conc: 1160.39 ng/ml



#14 AR-1232-4

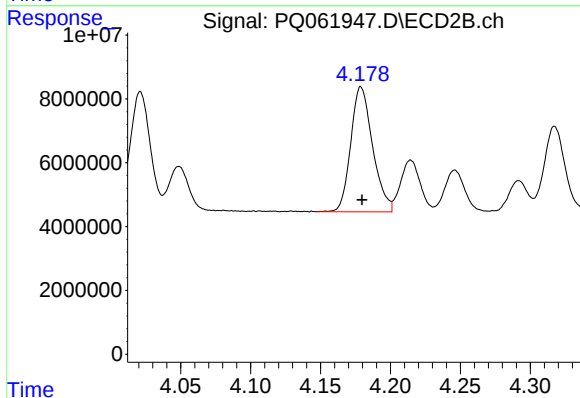
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38231433
Conc: 1285.53 ng/ml



#15 AR-1232-5

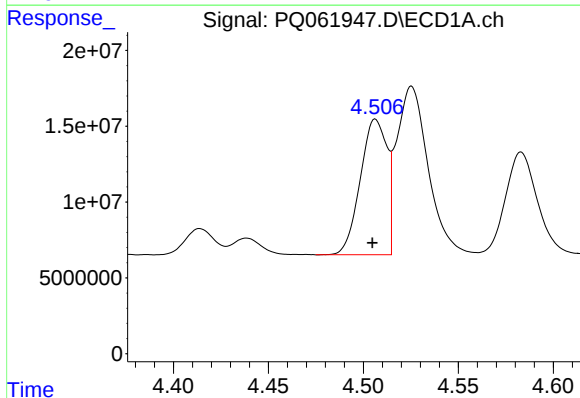
R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 51400470
Conc: 1283.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



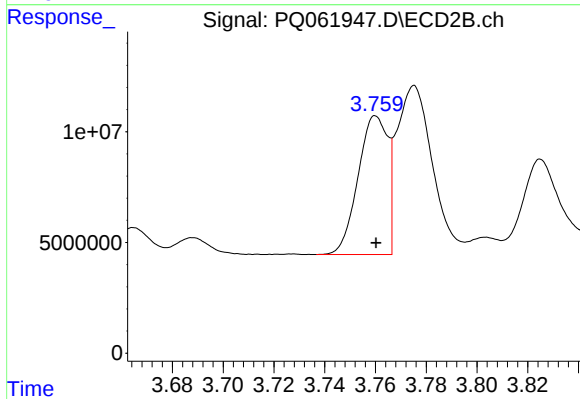
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42704695
Conc: 1197.52 ng/ml



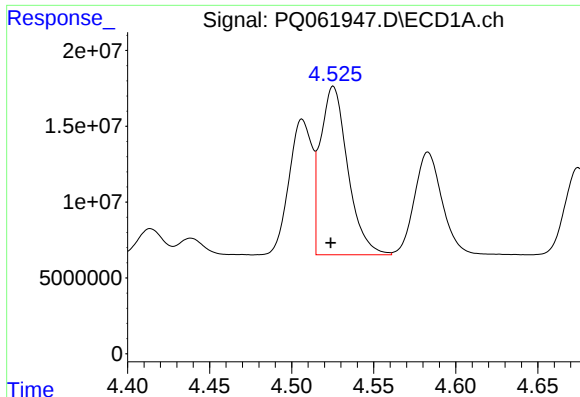
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 87394301
Conc: 668.64 ng/ml



#16 AR-1242-1

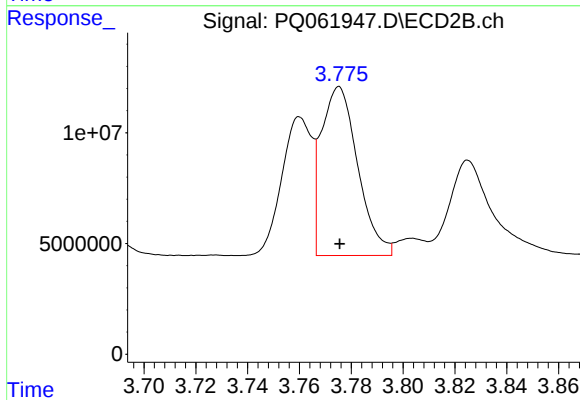
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50560080
Conc: 653.75 ng/ml



#17 AR-1242-2

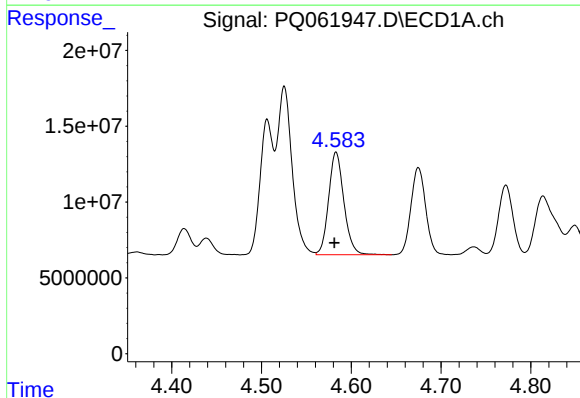
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 128565788
Conc: 662.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



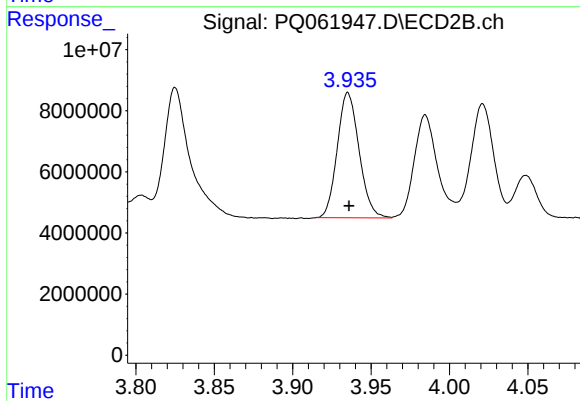
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 74657112
Conc: 671.63 ng/ml



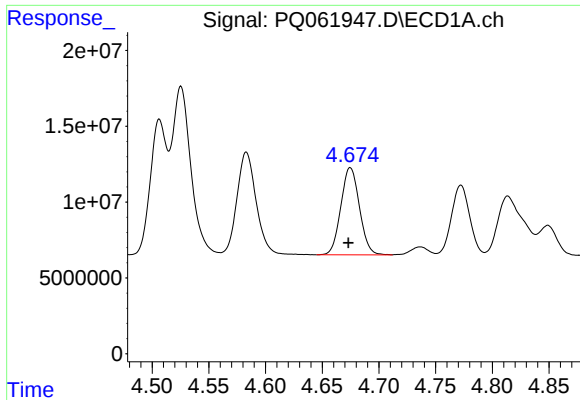
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 80018508
Conc: 662.16 ng/ml



#18 AR-1242-3

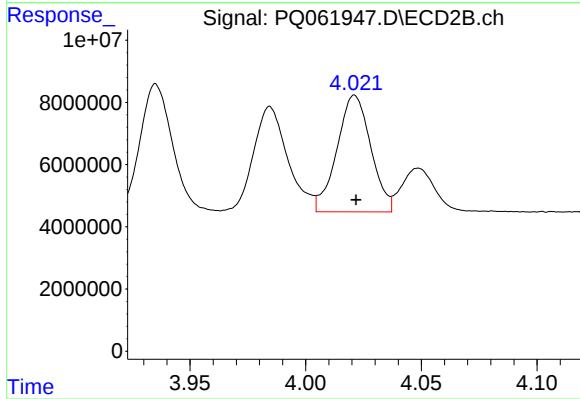
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39748912
Conc: 678.59 ng/ml



#19 AR-1242-4

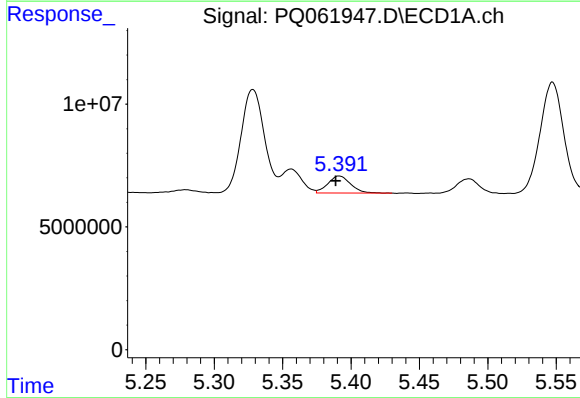
R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 65755022
Conc: 674.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



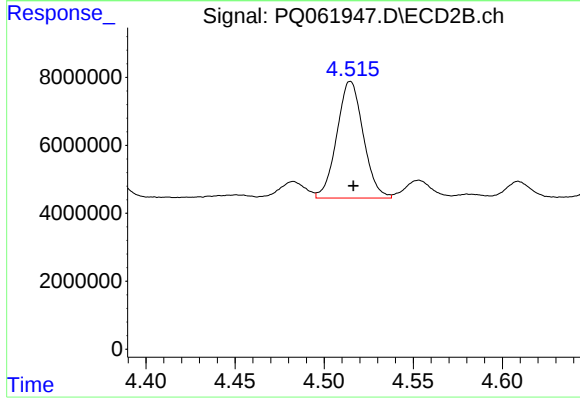
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38231433
Conc: 652.10 ng/ml



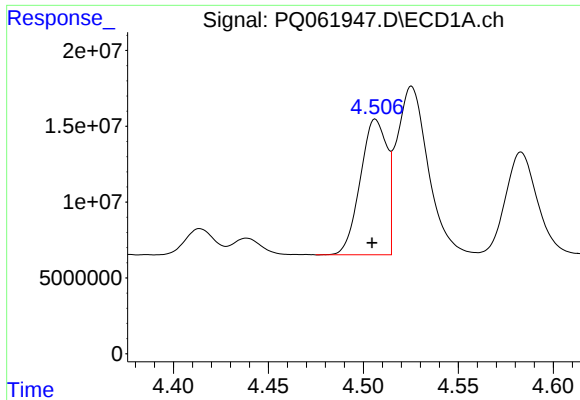
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 8041138
Conc: 84.00 ng/ml



#20 AR-1242-5

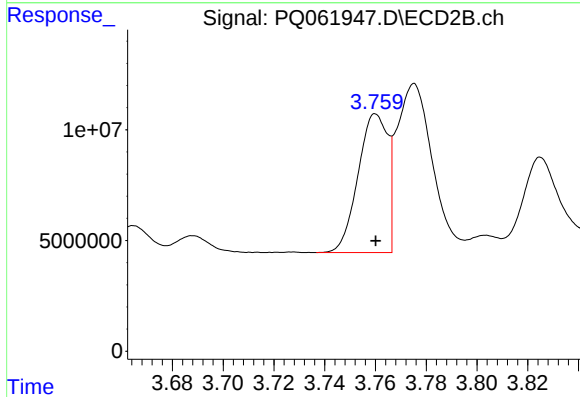
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 35475281
Conc: 427.97 ng/ml



#21 AR-1248-1

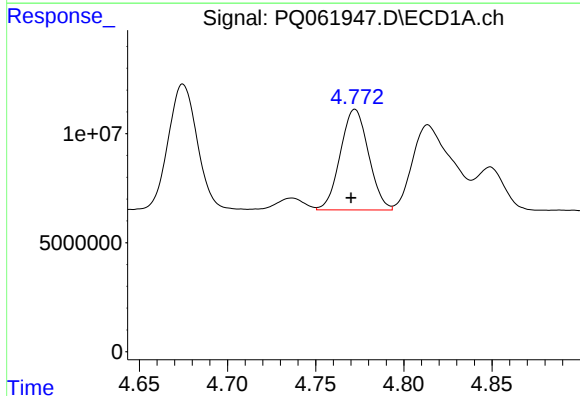
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 87394301
Conc: 840.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



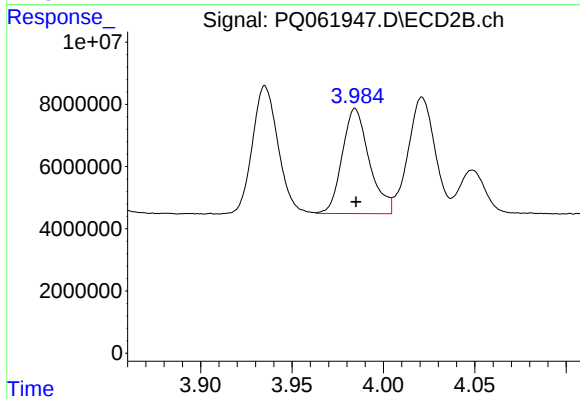
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50560080
Conc: 808.70 ng/ml



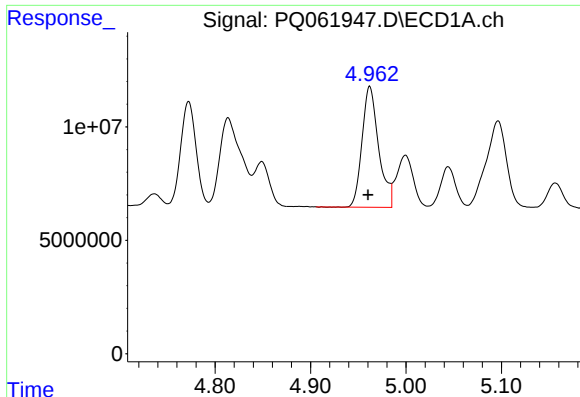
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 51400470
Conc: 357.79 ng/ml



#22 AR-1248-2

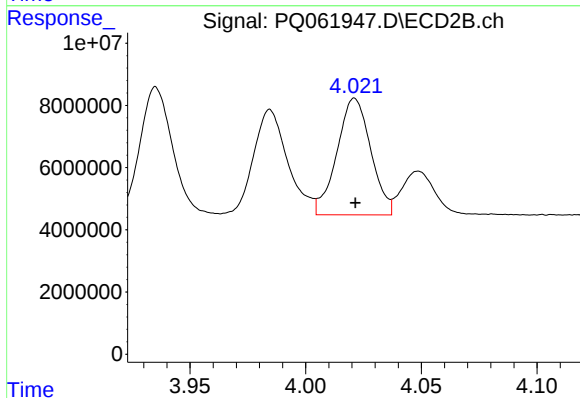
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 34838784
Conc: 371.54 ng/ml



#23 AR-1248-3

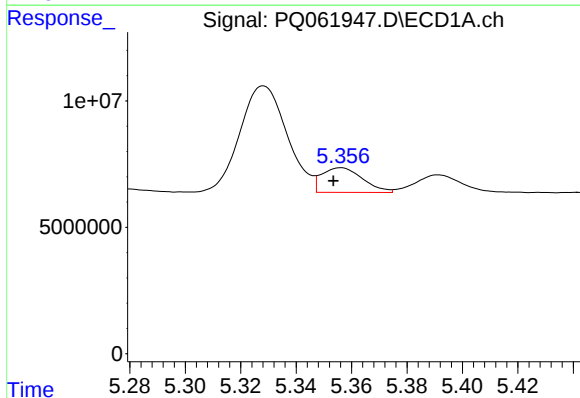
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 64465030
Conc: 371.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



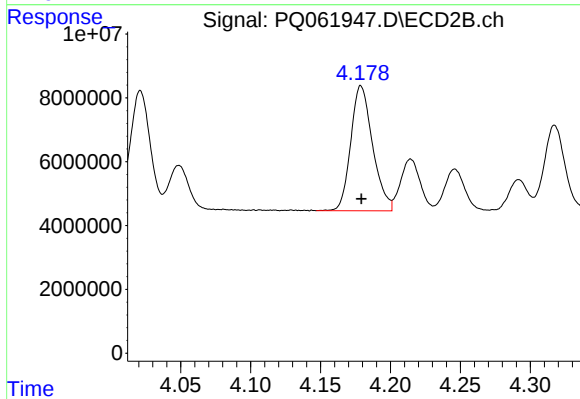
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 38231433
Conc: 422.24 ng/ml



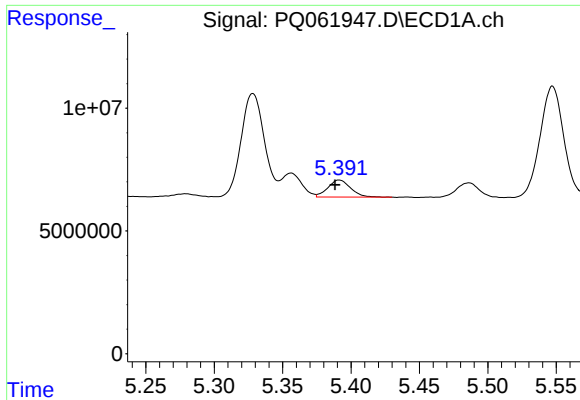
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.003 min
Response: 10002719
Conc: 52.12 ng/ml



#24 AR-1248-4

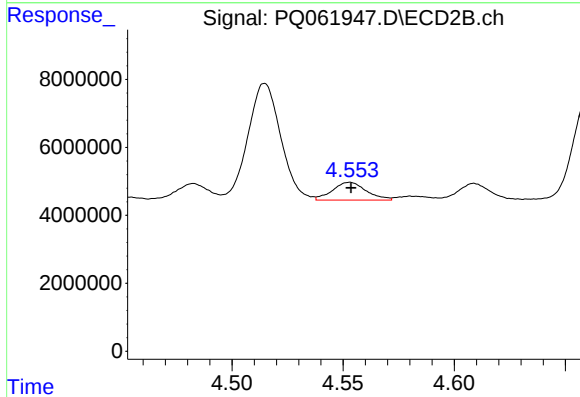
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42704695
Conc: 378.46 ng/ml



#25 AR-1248-5

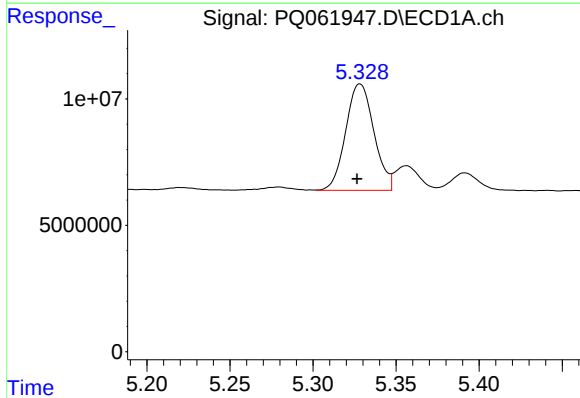
R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 8041138
Conc: 44.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



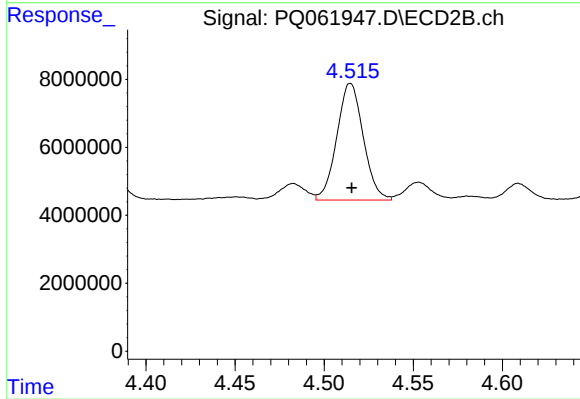
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 5580179
Conc: 49.81 ng/ml



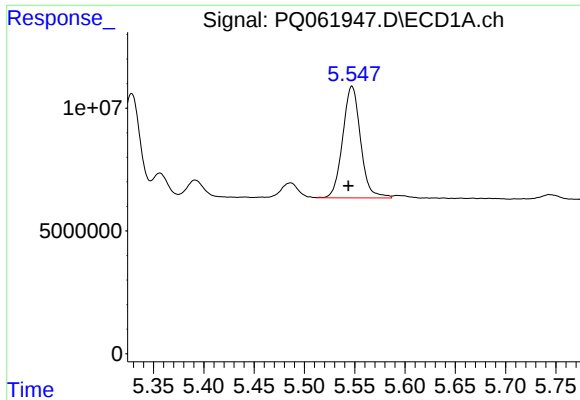
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 49856544
Conc: 268.30 ng/ml



#26 AR-1254-1

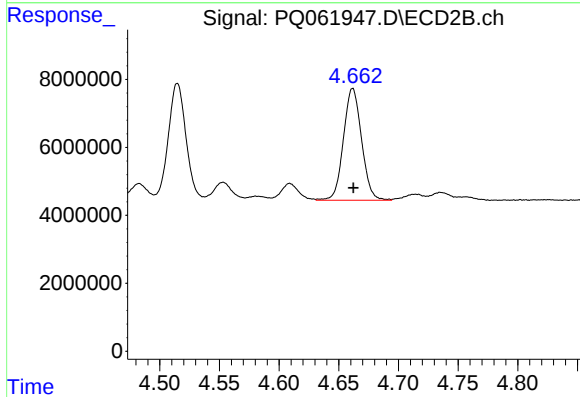
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 35475281
Conc: 219.71 ng/ml



#27 AR-1254-2

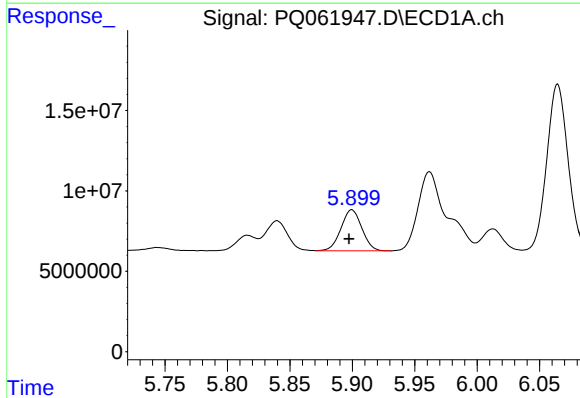
R.T.: 5.547 min
Delta R.T.: 0.004 min
Response: 56229918
Conc: 193.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



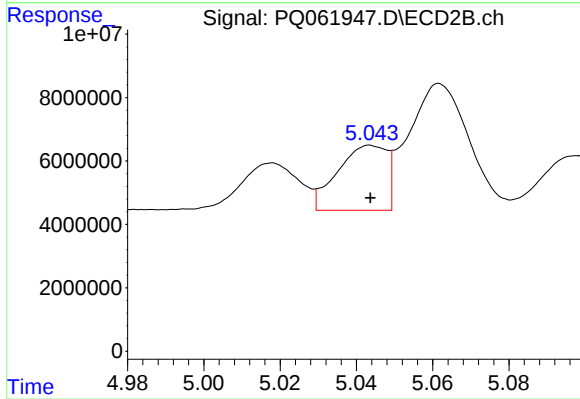
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 34868116
Conc: 236.84 ng/ml



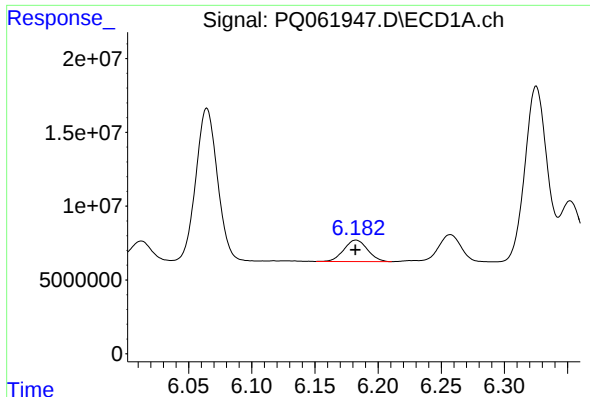
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 29719200
Conc: 96.76 ng/ml



#28 AR-1254-3

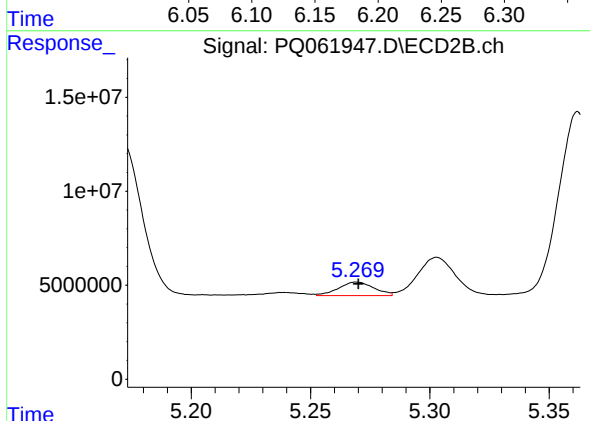
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 18347398
Conc: 78.51 ng/ml



#29 AR-1254-4

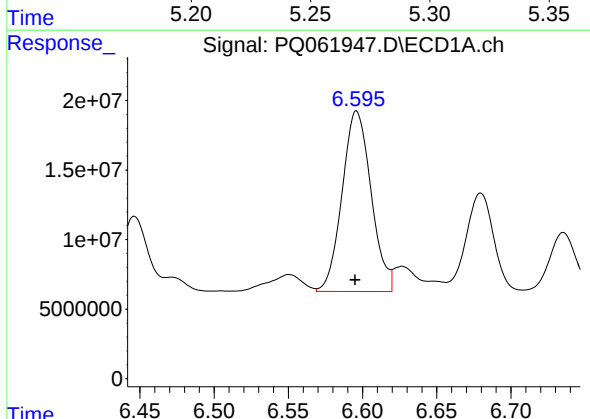
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 18973349
Conc: 81.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



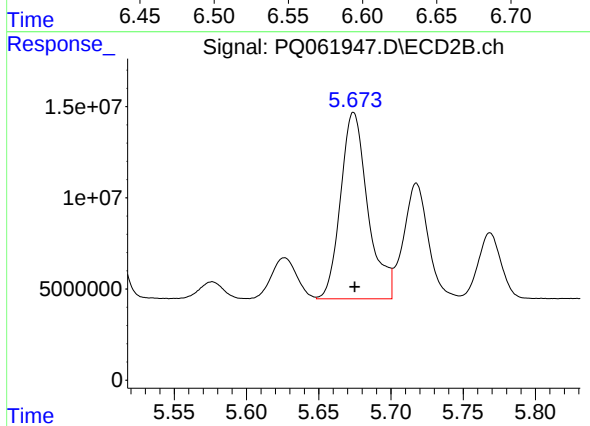
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 7397727
Conc: 48.54 ng/ml



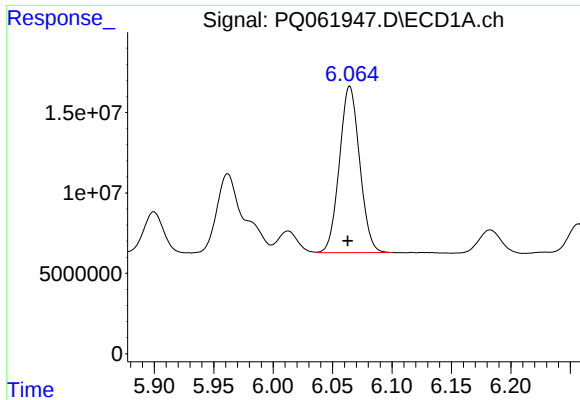
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 176743785
Conc: 688.07 ng/ml



#30 AR-1254-5

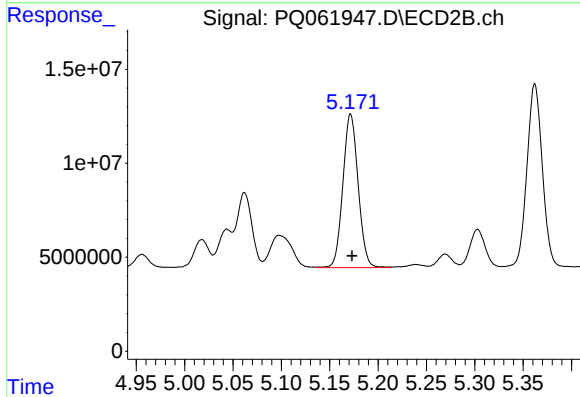
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 134056160
Conc: 580.84 ng/ml



#31 AR-1260-1

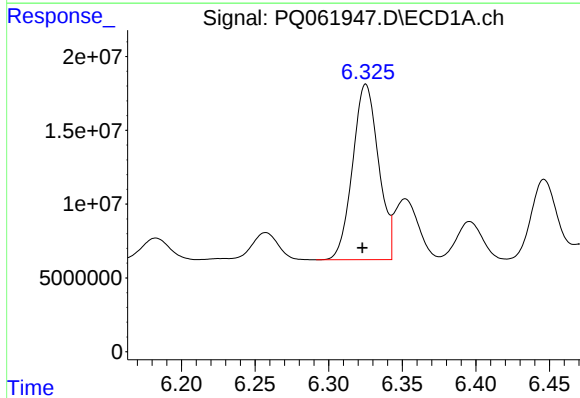
R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 122520277
Conc: 519.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



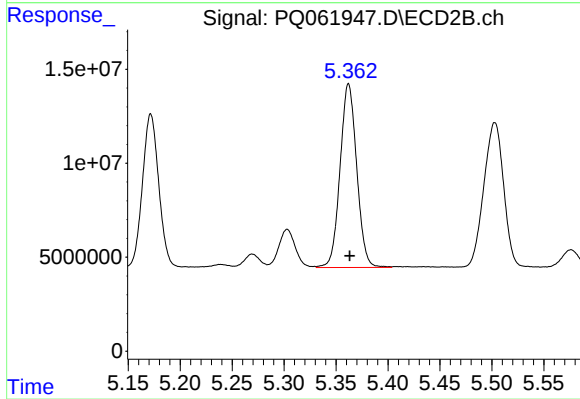
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 89604604
Conc: 537.99 ng/ml



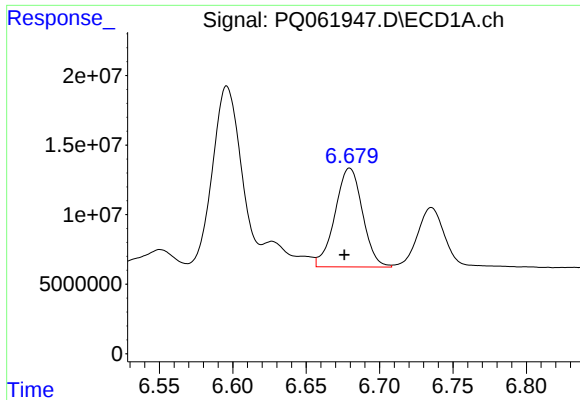
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 145757231
Conc: 504.68 ng/ml



#32 AR-1260-2

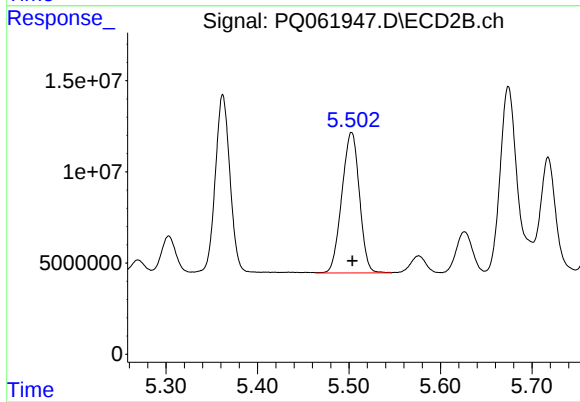
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 109195012
Conc: 525.11 ng/ml



#33 AR-1260-3

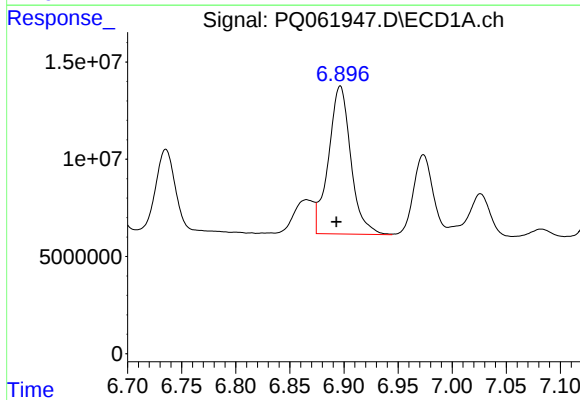
R.T.: 6.680 min
Delta R.T.: 0.004 min
Response: 92769823
Conc: 525.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



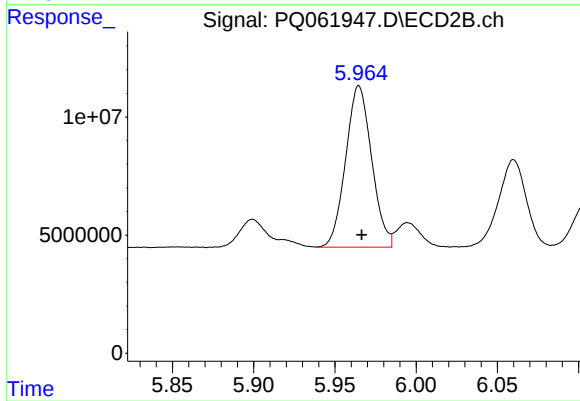
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 102825317
Conc: 528.51 ng/ml



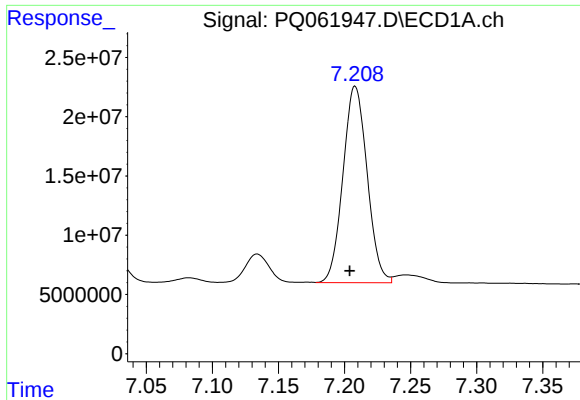
#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: 0.004 min
Response: 109280063
Conc: 518.78 ng/ml



#34 AR-1260-4

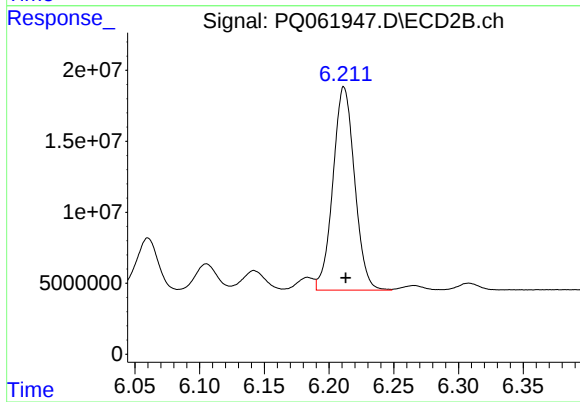
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 76086323
Conc: 521.63 ng/ml



#35 AR-1260-5

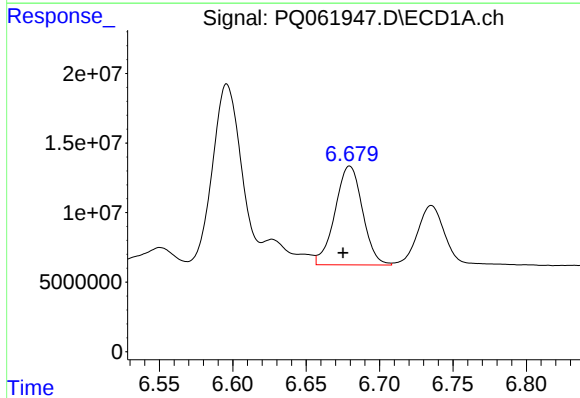
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 211055362
Conc: 514.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



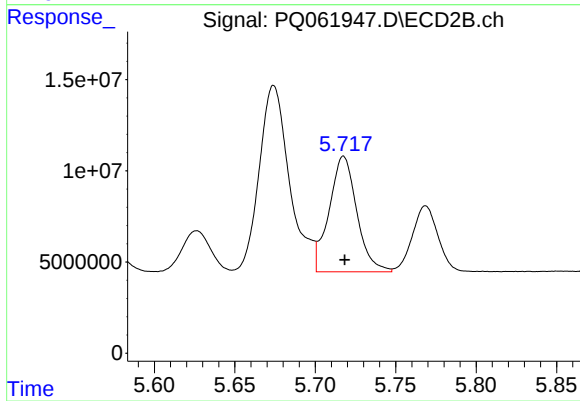
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 166994999
Conc: 502.91 ng/ml



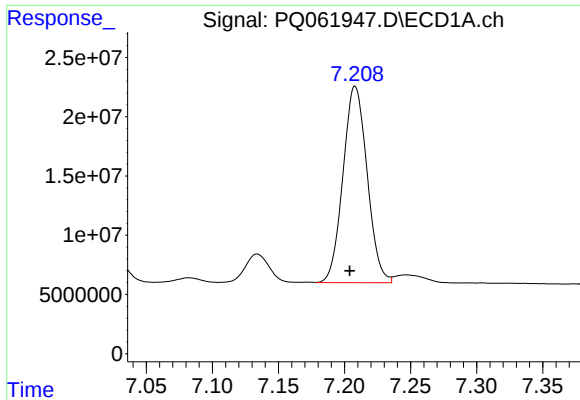
#36 AR-1262-1

R.T.: 6.680 min
Delta R.T.: 0.005 min
Response: 92769823
Conc: 304.22 ng/ml



#36 AR-1262-1

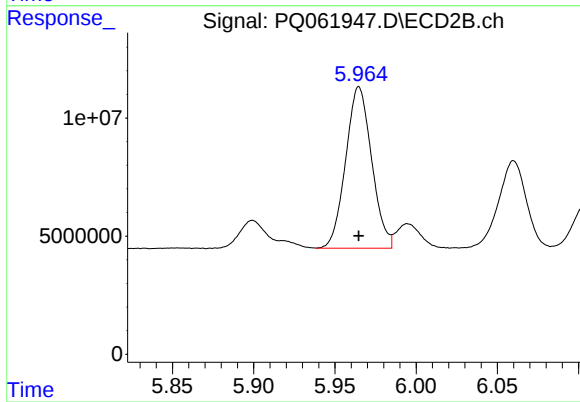
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 75981934
Conc: 326.84 ng/ml



#37 AR-1262-2

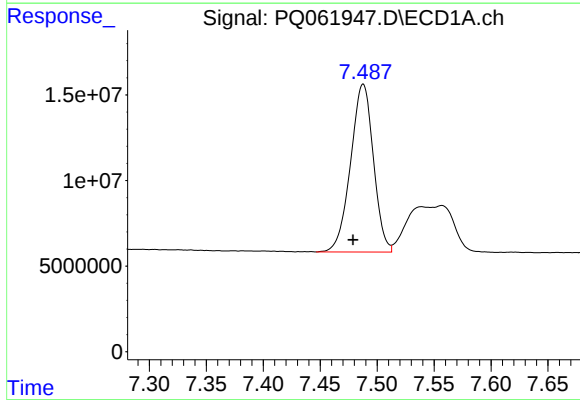
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 211055362
Conc: 400.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



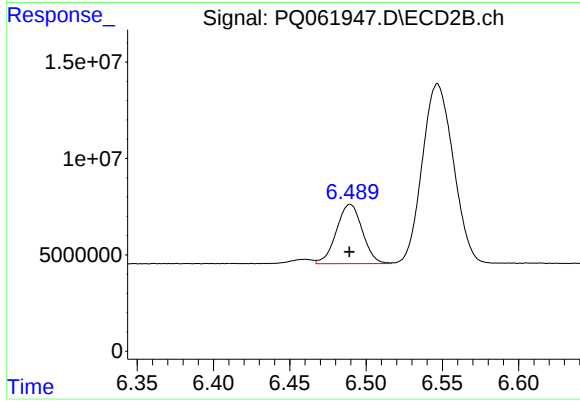
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 76086323
Conc: 351.91 ng/ml



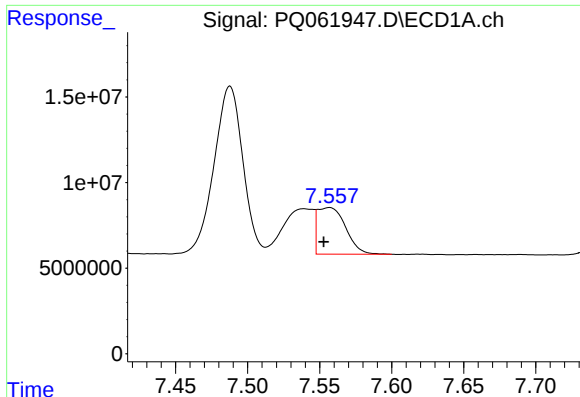
#38 AR-1262-3

R.T.: 7.488 min
Delta R.T.: 0.009 min
Response: 136614119
Conc: 387.77 ng/ml



#38 AR-1262-3

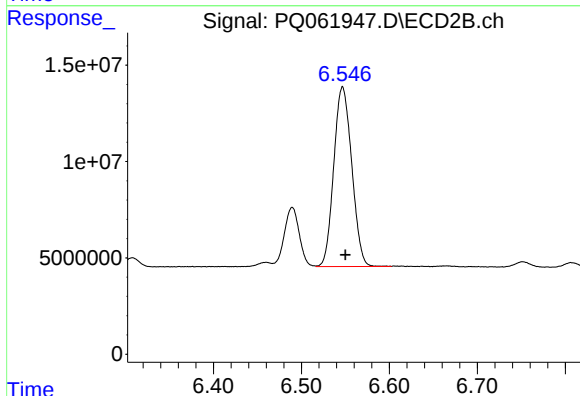
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 36341896
Conc: 208.47 ng/ml



#39 AR-1262-4

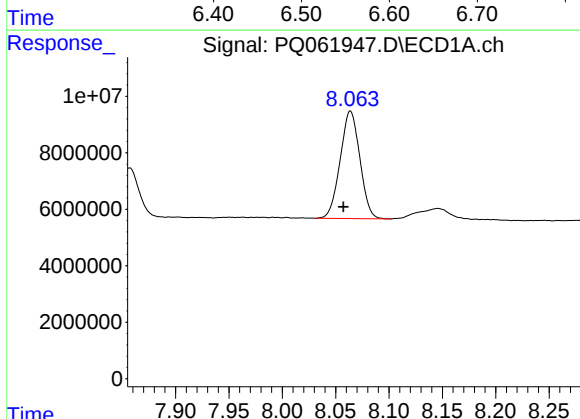
R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 36920707
Conc: 138.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



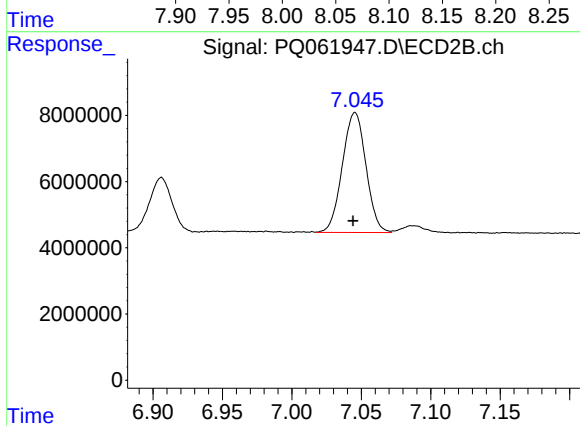
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 132381663
Conc: 410.75 ng/ml



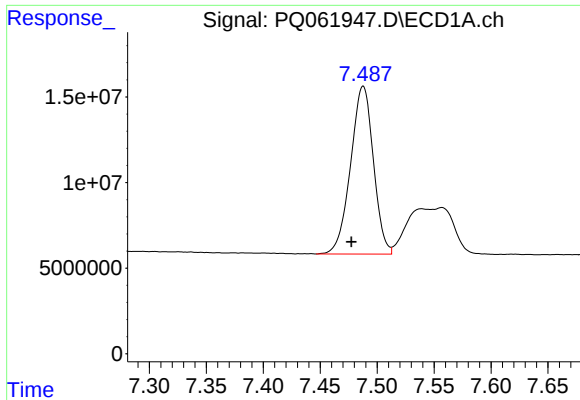
#40 AR-1262-5

R.T.: 8.064 min
Delta R.T.: 0.006 min
Response: 48801090
Conc: 274.92 ng/ml



#40 AR-1262-5

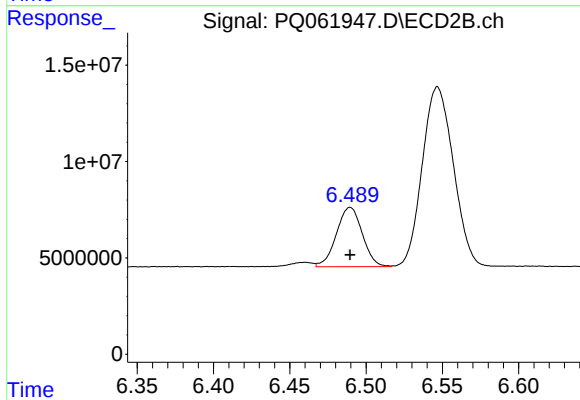
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 43001555
Conc: 277.22 ng/ml



#41 AR-1268-1

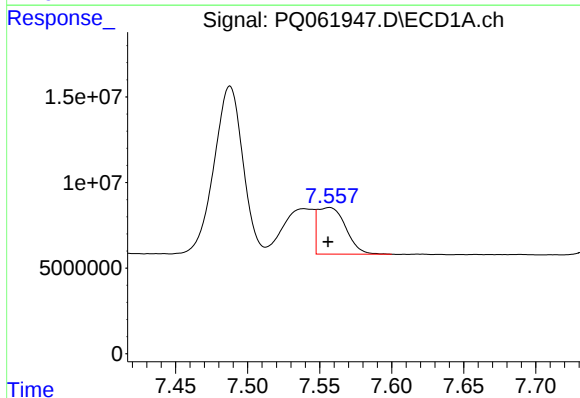
R.T.: 7.488 min
Delta R.T.: 0.010 min
Response: 136614119
Conc: 240.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



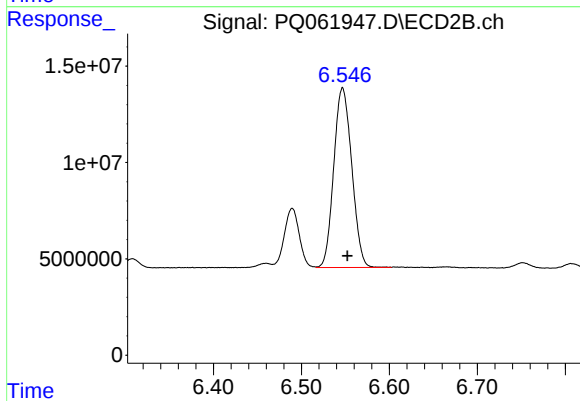
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 36341896
Conc: 77.23 ng/ml



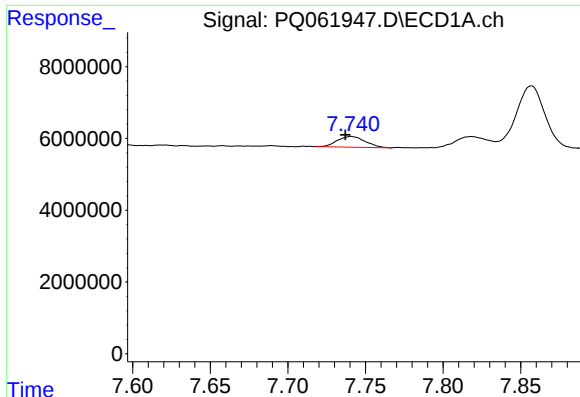
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 36920707
Conc: 72.41 ng/ml



#42 AR-1268-2

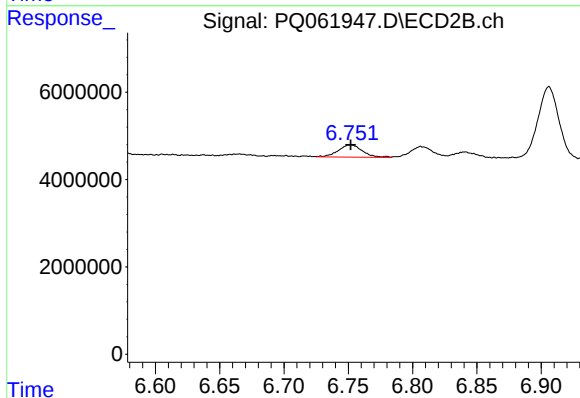
R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 132381663
Conc: 312.44 ng/ml



#43 AR-1268-3

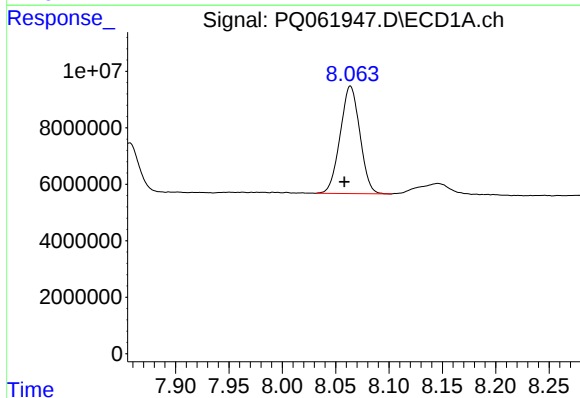
R.T.: 7.741 min
Delta R.T.: 0.004 min
Response: 3790835
Conc: 8.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



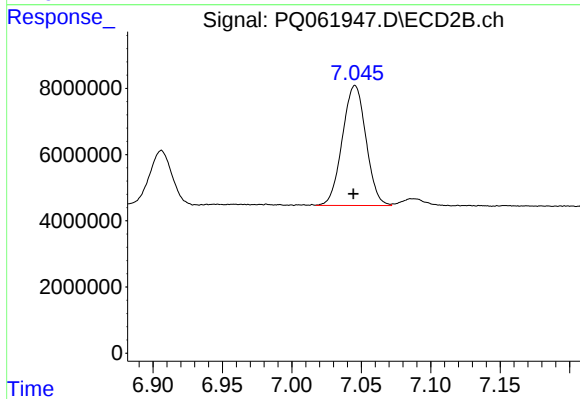
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 3646453
Conc: 9.90 ng/ml



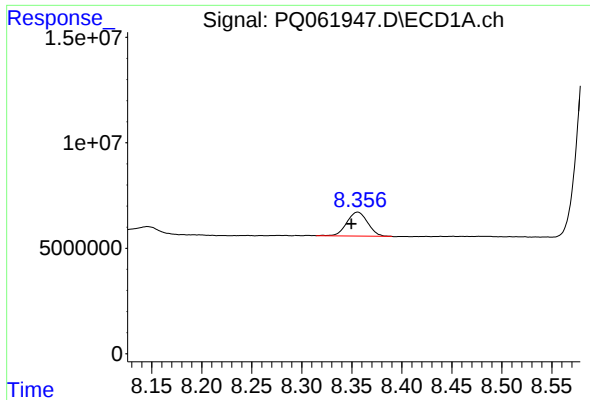
#44 AR-1268-4

R.T.: 8.064 min
Delta R.T.: 0.006 min
Response: 48801090
Conc: 266.69 ng/ml



#44 AR-1268-4

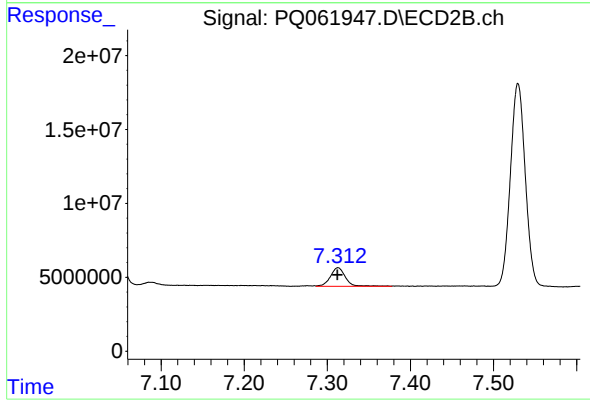
R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 43001555
Conc: 268.87 ng/ml



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: 0.006 min
Response: 16505813
Conc: 13.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 15973796
Conc: 13.69 ng/ml